

Figure: 30 TAC §309.4

Table 1
Effluent Limitations for Domestic Wastewater Treatment Plants

Set		30-Day Average		7-Day Average		Daily Maximum		Single Grab		
		BOD ₅	TSS	BOD ₅	TSS	BOD ₅	TSS	BOD ₅	TSS	DO MIN
1	Secondary treatment	20	20	30	30	45	45	65	65	2.0
2	Enhanced secondary treatment	10	15	15	25	25	40	35	60	4.0
3	Stabilization ponds	30	90	45	--	70	--	100	--	4.0
Land Treatment/Application										
4	Irrigation (public exposure*) Subsurface area drip dispersal system (public contact**)	20	20	30	30	45	45	65	65	--
	Using stabilization ponds Subsurface area drip dispersal system using stabilization ponds (public contact**)	30	90	45	--	70	--	100	--	--
5	Irrigation (no public exposure) Subsurface area drip dispersal system (no public contact)	--	--			--	--	100	--	--
6	Overland flow (applied effluent)	--	----	----	--	--	--	100	--	--
7	Evapotranspiration beds and low pressure dosing	--	--			--	--	100	--	--
			--	--						

		30-Day Average			7-Day Average			Daily Maximum			Single Grab			DO MIN
		CBOD ₅	TSS	NH ₃ -N	CBOD ₅	TSS	NH ₃ -N	CBOD ₅	TSS	NH ₃ -N	CBOD ₅	TSS	NH ₃ -N	
Enhanced														
2N	Secondary with Nitrification	10	15	3	15	25	6	25	40	10	35	60	15	4.0
2N1	Secondary with Nitrification	10	15	2	15	25	5	25	40	10	35	60	15	4.0

Note: * - Public Exposure: The potential for the public to come into direct contact with treated effluent.

** - Public Contact: The potential for the public to come into contact with the soil over a dispersal zone, as defined in §222.5 of this title (relating to Definitions).